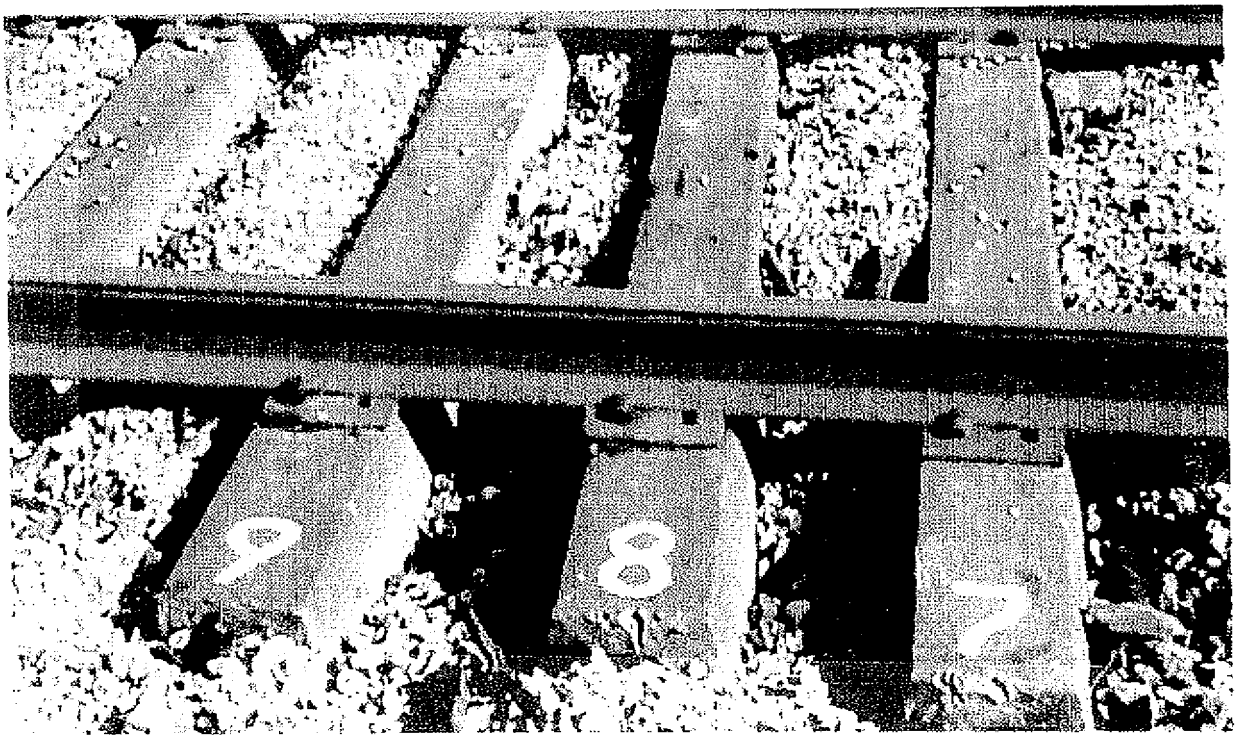
New Orleans
Public Belt Railroad
New Orleans, Louisiana

"River Front Line"

Six Months Evaluation Report
on
Prototype Cross Tie Installation



Prepared for

"Mr. Anthony Marinello"
Manger, Engineering & Maintenance

"Mr. Manuel Sims"
Track Supervisor

PolySum Technologies, LLC
P.O Box 1842
Covington, Louisiana 70434
504-651-5301 & 504-651-5303 fax
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DELIVERY TICKET

April 5, 2001

Delivered a total of twenty-five (25) 8" x 12" x 8'6" (high-load) prototype "Thermoplastic Railroad Ties" to be installed in the New Orleans Public Belt Railroad Line, as TEST TIES ONLY.

As agreed upon, PolySum will be able to take pictures & video of the installation and PolySum will monitor the ties once a month for a six-month test period.

Delivered by:

John C. Bayer
Manager

Received by:

Mr. Manual Sims
Track Supervisor

INSTALLATION PROCEDURES
&
RECOMMENDATIONS

For the Installation of 5/8" x 5/8" x 6" Cut Spikes

PolySum Technologies recommends applying and utilizing the same safety guide lines as you would use for the safe installation of wood ties. There are no special tools required for installation.

ONLY the proper tools should be used along with personal protective items such as, a hard hat, safety glasses, gloves, steel toe foot wear and proper fitting clothing should be worn during installation.

PRE-DRILL a **3/8**" pilot hole before driving the cut spikes or installing screw spikes. The pilot hole size is determined by the size and or the design of the spike being used. **PRE-DRIVE** the spike a little before using the manual hammer to prevent the spike from jumping out of the hole when hit with the manual hammer.

Use an air jackhammer or drive spike by using a manual spike hammer. If using a manual hammer the proper eye protection must be worn and there should be a clear distance around the person using the manual hammer.

PolySum's "Tuff-Ties" are heavier than a wood tie so get help and use caution when moving or lifting.

Apply the above and any and all other safety practices or procedures when installing thermoplastic composite ties as you would with wood ties.

Received & Understood

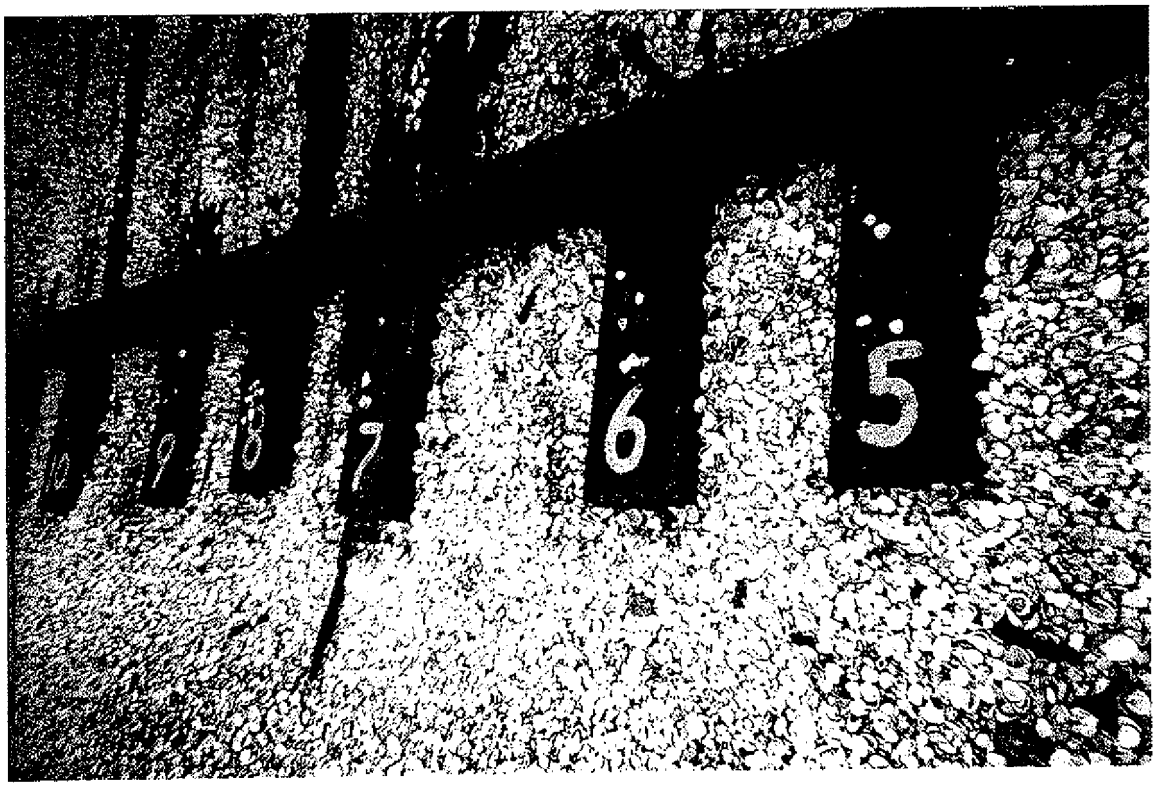
PolySum/N.O.P.B.R.R.
Cross Tie Installation Sheet

Cluster #1

Date	Location	City & State	Cluster #	Tie in Cluster	Tie I.D..#	Gauge	Temp.	Plate Move	Tie Move.	Spike Hold	# Spikes
4-9-01	State St.	New Orleans, LA.	1	4	1	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	1	4	2	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	1	4	3	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	1	4	4	56 3/4"	70 F	No	No	Good	4

PolySum/N.O.P.B.R.R.
Cross Tie Installation Sheet

Cluster #2



Date	Location	City & State	Cluster #	Tie in Cluster	Tie I.D..#	Gauge	Temp.	Plate Move.	Tie Move.	Spike Hold	# Spikes
4-9-01	State St.	New Orleans, LA.	2	7	5	56 ¼"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	2	7	6	56 ¼"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	2	7	7	56 ¼"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	2	7	8	56 3/16"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	2	7	9	56 3/16"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	2	7	10	56 ¼"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	2	7	11	56 ¼"	70 F	No	No	Good	4

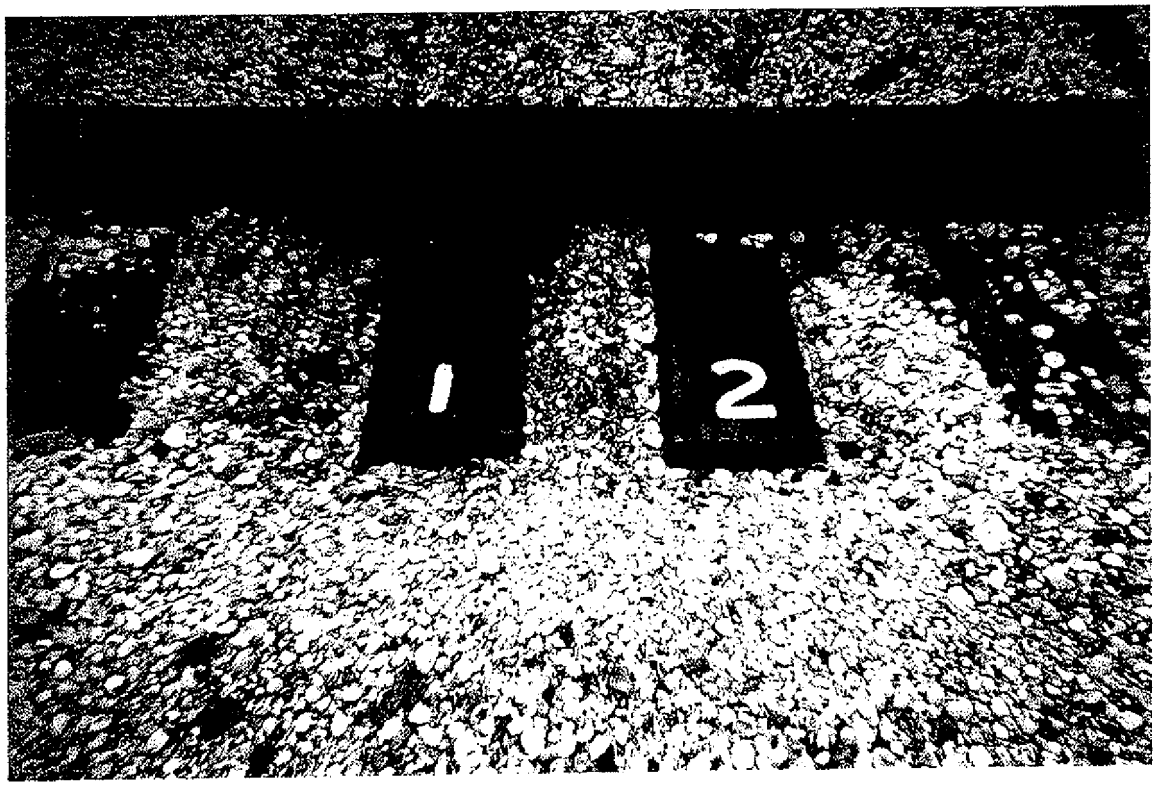
PolySum/N.O.P.B.R.R.
Cross Tie Installation Sheet

Cluster #3

Date	Location	City & State	Cluster #	Tie in Cluster	Tie I.D..#	Gauge	Temp.	Plate Move.	Tie Move.	Spike Hold	# Spikes
4-9-01	State St.	New Orleans, LA.	3	8	12	56 1/2"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	13	56 1/2"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	14	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	15	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	16	56 ¼"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	17	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	18	56 3/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	3	8	19	56 ¼"'	70 F	No	No	Good	4

PolySum/N.O.P.B.R.R.
Cross Tie Installation Sheet

Cluster #4



Date	Location	City & State	Cluster #	Tie in Cluster	Tie I.D..#	Gauge	Temp.	Plate Move.	Tie Move.	Spike Hold	# Spikes
4-9-01	State St.	New Orleans, LA.	4	2	20	56 3/4"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	4	2	21	56 3/4"	70 F	No	No	Good	4

PolySum/N.O.P.B.R.R.
Cross Tie Installation Sheet

Cluster # 5

Date	Location	City & State	Cluster #	Tie in Cluster	Tie I.D..#	Gauge	Temp.	Plate Move.	Tie Move.	Spike Hold	# Spikes
4-9-01	State St.	New Orleans, LA.	5	4	22	56 3/4"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	5	4	23	56 7/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	5	4	24	56 7/8"	70 F	No	No	Good	4
4-9-01	State St.	New Orleans, LA.	5	4	25	56 7/8"	70 F	No	No	Good	4

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 1

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
9-Apr-01	1	70 F	56 3/8"	No	No	Good	4
9-Apr-01	2	70 F	56 3/8"	No	No	Good	4
9-Apr-01	3	70 F	56 3/8"	No	No	Good	4
9-Apr-01	4	70 F	56 3/4"	No	No	Good	4

Inspected by: NOPB
~~Union Pacific~~
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 2

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
9-Apr-01	5	70 F	56 1/4"	No	No	Good	4
9-Apr-01	6	70 F	56 1/4"	No	No	Good	4
9-Apr-01	7	70 F	56 1/4"	No	No	Good	4
9-Apr-01	8	70 F	56 3/16"	No	No	Good	4
9-Apr-01	9	70 F	56 3/16"	No	No	Good	4
9-Apr-01	10	70 F	56 1/4"	No	No	Good	4
9-Apr-01	11	70 F	56 1/4"	No	No	Good	4

Inspected by: UPRR
~~Union Pacific~~
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 3

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
9-Apr-01	12	70 F	56 1/2"	No	No	Good	4
9-Apr-01	13	70 F	56 1/2"	No	No	Good	4
9-Apr-01	14	70 F	56 3/8"	No	No	Good	4
9-Apr-01	15	70 F	56 3/8"	No	No	Good	4
9-Apr-01	16	70 F	56 1/4"	No	No	Good	4
9-Apr-01	17	70 F	56 3/8"	No	No	Good	4
9-Apr-01	18	70 F	56 3/8"	No	No	Good	4
9-Apr-01	19	70 F	56 1/4"	No	No	Good	4

Inspected by: N.O.P.B
~~Union Pacific~~
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 4

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
9-Apr-01	20	70 F	56 7/8"	No	No	Good	4
9-Apr-01	21	70 F	56 7/8"	No	No	Good	4

Inspected by:

N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 5

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
9-Apr-01	22	70 F	56 7/8"	No	No	Good	4
9-Apr-01	23	70 F	56 7/8"	No	No	Good	4
9-Apr-01	24	70 F	56 7/8"	No	No	Good	4
9-Apr-01	25	70 F	56 7/8"	No	No	Good	4

Inspected by:

N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 1

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
25-May-01	1	76 F	56 3/8"	No	No	Good	4
25-May-01	2	76 F	56 3/8"	No	No	Good	4
25-May-01	3	76 F	56 3/8"	No	No	Good	4
25-May-01	4	76 F	56 3/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 2

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
25-May-01	5	76 F	56 1/4"	No	No	Good	4
25-May-01	6	76 F	56 1/4"	No	No	Good	4
25-May-01	7	76 F	56 1/4"	No	No	Good	4
25-May-01	8	76 F	56 3/16"	No	No	Good	4
25-May-01	9	76 F	56 3/16"	No	No	Good	4
25-May-01	10	76 F	56 1/4"	No	No	Good	4
25-May-01	11	76 F	56 1/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR.
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 3

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
25-May-01	12	76 F	56 1/2"	No	No	Good	4
25-May-01	13	76 F	56 1/2"	No	No	Good	4
25-May-01	14	76 F	56 3/8"	No	No	Good	4
25-May-01	15	76 F	56 3/8"	No	No	Good	4
25-May-01	16	76 F	56 1/4"	No	No	Good	4
25-May-01	17	76 F	56 3/8"	No	No	Good	4
25-May-01	18	76 F	56 3/8"	No	No	Good	4
25-May-01	19	76 F	56 1/4"	No	No	Good	4

Inspected by: N.O.P.B
~~Union Pacific~~
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 4

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
25-May-01	20	76 F	56 7/8"	No	No	Good	4
25-May-01	21	76 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 5

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
25-May-01	22	76 F	56 7/8"	No	No	Good	4
25-May-01	23	76 F	56 7/8"	No	No	Good	4
25-May-01	24	76 F	56 7/8"	No	No	Good	4
25-May-01	25	76 F	56 7/8"	No	No	Good	4

Inspected by:

N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 1

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jun-01	1	82 F	56 3/8"	No	No	Good	4
27-Jun-01	2	82 F	56 3/8"	No	No	Good	4
27-Jun-01	3	82 F	56 3/8"	No	No	Good	4
27-Jun-01	4	82 F	56 3/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 3

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jun-01	12	87 F	56 1/2"	No	No	Good	4
27-Jun-01	13	87 F	56 1/2"	No	No	Good	4
27-Jun-01	14	87 F	56 1/2"	No	No	Good	4
27-Jun-01	15	87 F	56 3/8"	No	No	Good	4
27-Jun-01	16	87 F	56 3/8"	No	No	Good	4
27-Jun-01	17	87 F	56 3/8"	No	No	Good	4
27-Jun-01	18	87 F	56 3/8"	No	No	Good	4
27-Jun-01	19	87 F	56 3/8"	No	No	Good	4

Inspected by:

N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 5

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jun-01	22	87 F	56 7/8"	No	No	Good	4
27-Jun-01	23	87 F	56 7/8"	No	No	Good	4
27-Jun-01	24	87 F	56 7/8"	No	No	Good	4
27-Jun-01	25	87 F	56 7/8"	No	No	Good	4

Inspected by:

N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 1

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jul-01	1	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	2	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	3	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	4	90^0 F	56 3/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

ıection Work Sheet:

ıte Street, New Orleans, LA.

Cluster # 2

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jul-01	5	90°F	56 1/4"	No	No	Good	4
27-Jul-01	6	90°F	56 1/4"	No	No	Good	4
27-Jul-01	7	90°F	56 1/4"	No	No	Good	4
27-Jul-01	8	90°F	56 3/16"	No	No	Good	4
27-Jul-01	9	90°F	56 3/16"	No	No	Good	4
27-Jul-01	10	90°F	56 1/4"	No	No	Good	4
27-Jul-01	11	90°F	56 1/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR.
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 3

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jul-01	12	90^0 F	56 1/2"	No	No	Good	4
27-Jul-01	13	90^0 F	56 1/2"	No	No	Good	4
27-Jul-01	14	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	15	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	16	90^0 F	56 1/4"	No	No	Good	4
27-Jul-01	17	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	18	90^0 F	56 3/8"	No	No	Good	4
27-Jul-01	19	90^0 F	56 1/4"	No	No	Good	4

Inspected by:

Union Pacific
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 4

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jul-01	20	90^0 F	56 7/8"	No	No	Good	4
27-Jul-01	21	90^0 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 5

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
27-Jul-01	22	90^0 F	56 7/8"	No	No	Good	4
27-Jul-01	23	90^0 F	56 7/8"	No	No	Good	4
27-Jul-01	24	90^0 F	56 7/8"	No	No	Good	4
27-Jul-01	25	90^0 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 1

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
31-Aug-01	1	93^0 F	56 3/8"	No	No	Good	4
31-Aug-01	2	93^0 F	56 3/8"	No	No	Good	4
31-Aug-01	3	93^0 F	56 3/8"	No	No	Good	4
31-Aug-01	4	93^0 F	56 3/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

ıection Work Sheet:

ıte Street, New Orleans, LA.

Cluster # 2

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
31-Aug-01	5	93^{0}F	56 1/4"	No	No	Good	4
31-Aug-01	6	93^{0}F	56 1/4"	No	No	Good	4
31-Aug-01	7	93^{0}F	56 1/4"	No	No	Good	4
31-Aug-01	8	93^{0}F	56 3/16"	No	No	Good	4
31-Aug-01	9	93^{0}F	56 3/16"	No	No	Good	4
31-Aug-01	10	93^{0}F	56 1/4"	No	No	Good	4
31-Aug-01	11	93^{0}F	56 1/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR.
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 3

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
31-Aug-01	12	93° F	56 1/2"	No	No	Good	4
31-Aug-01	13	93° F	56 1/2"	No	No	Good	4
31-Aug-01	14	93° F	56 3/8"	No	No	Good	4
31-Aug-01	15	93° F	56 3/8"	No	No	Good	4
31-Aug-01	16	93° F	56 1/4"	No	No	Good	4
31-Aug-01	17	93° F	56 3/8"	No	No	Good	4
31-Aug-01	18	93° F	56 3/8"	No	No	Good	4
31-Aug-01	19	93° F	56 1/4"	No	No	Good	4

Inspected by: N.O.P.B.
~~Union Pacific~~
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 4

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
31-Aug-01	20	93^0 F	56 7/8"	No	No	Good	4
31-Aug-01	21	93^0 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 5

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
31-Aug-01	22	93^0 F	56 7/8"	No	No	Good	4
31-Aug-01	23	93^0 F	56 7/8"	No	No	Good	4
31-Aug-01	24	93^0 F	56 7/8"	No	No	Good	4
31-Aug-01	25	93^0 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 1

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
28-Sep-01	1	87^0 F	56 3/8"	No	No	Good	4
28-Sep-01	2	87^0 F	56 3/8"	No	No	Good	4
28-Sep-01	3	87^0 F	56 3/8"	No	No	Good	4
28-Sep-01	4	87^0 F	56 3/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

ection Work Sheet:

ıte Street, New Orleans, LA.

Cluster # 2

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
28-Sep.-01	5	87°F	56 1/4"	No	No	Good	4
28-Sep.-01	6	87°F	56 1/4"	No	No	Good	4
28-Sep.-01	7	87°F	56 1/4"	No	No	Good	4
28-Sep.-01	8	87°F	56 3/16"	No	No	Good	4
28-Sep.-01	9	87°F	56 3/16"	No	No	Good	4
28-Sep.-01	10	87°F	56 1/4"	No	No	Good	4
28-Sep.-01	11	87°F	56 1/4"	No	No	Good	4

Inspected by:
N.O.P.B.RR.
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 3

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
28-Sep.-01	12	87^0 F	56 1/2"	No	No	Good	4
28-Sep.-01	13	87^0 F	56 1/2"	No	No	Good	4
28-Sep.-01	14	87^0 F	56 3/8"	No	No	Good	4
28-Sep.-01	15	87^0 F	56 3/8"	No	No	Good	4
28-Sep.-01	16	87^0 F	56 1/4"	No	No	Good	4
28-Sep.-01	17	87^0 F	56 3/8"	No	No	Good	4
28-Sep.-01	18	87^0 F	56 3/8"	No	No	Good	4
28-Sep.-01	19	87^0 F	56 1/4"	No	No	Good	4

Inspected by:
Union Pacific
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 4

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
28-Sep-01	20	87^0 F	56 7/8"	No	No	Good	4
28-Sep-01	21	87^0 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

PolySum Technologies
Tie Evaluation Summary

Inspection Work Sheet:

Location: State Street, New Orleans, LA.

Cluster # 5

Date	Tie #	Temperature	Gauge	Plate Move.	Tie Move.	Spike Hold	# of Spikes
28-Sep-01	22	87^0 F	56 7/8"	No	No	Good	4
28-Sep-01	23	87^0 F	56 7/8"	No	No	Good	4
28-Sep-01	24	87^0 F	56 7/8"	No	No	Good	4
28-Sep-01	25	87^0 F	56 7/8"	No	No	Good	4

Inspected by:
N.O.P.B.RR
PolySum: John C. Bayer

NOPB Railroad

PolySum High-Load Ties
9-10-01